

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX


2/7/08 Data Matrix

Date **8/21/08** EPA Reg. No./File Symbol **35886-28** Page 1 of 3

Applicant's/Registrant's Name & Address **Phibro-Tech, Inc.
 2395 Cains Mill Road
 Sumter, SC 29154** Product **Copper Carbonate Technical**

Ingredient **Copper carbonate** *472527-01* *47527 472317-01*

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product identity and composition	44554701	55146	PER	
830.1600	Description of materials used to produce the product	44554701	55146	PER	
830.1620	Description of production process	44554701	55146	PER	
830.1650	Description of formulation process				Not required ¹
830.1670	Discussion of formation of impurities	44554701	55146	PER	
830.1700	Preliminary analysis	44554702	55146	PER	
830.1750	Certified limits	44554702	55146	PER	
830.1800	Enforcement analytical method	44554702	55146	PER	
830.6302	Color	44554703	55146	PER	
830.6303	Physical state	44554703	55146	PER	
830.6304	Odor	44554703	55146	PER	
830.6313	Stability to normal and elevated temperatures, metals, and metal ions	43363705	56501	OWN	
830.6314	Oxidation/reduction: chemical incompatibility	CHB-EX-511-005-P-1	35896	OWN	

Signature  Name and Title **Ronald L. Miller, Director of Registrations** Date **8/21/08**

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DATA MATRIX

Date 8/21/08	EPA Reg. No./File Symbol 35986-28	Page 2 of 3
Applicant's/Registrant's Name & Address Phibro-Tech, Inc. 2395 Cains Mill Road Sumter, SC 29154		Product Copper Carbonate Technical

Ingredient Copper carbonate

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6315	Flammability				Not required ²
830.6316	Explodability				Not required ³
830.6317	Storage stability	44554703	55146	PER	
830.6319	Miscibility				Not required ⁴
830.6320	Corrosion characteristics	44554703	55146	PER	
830.6321	Dielectric breakdown voltage				Not required ⁵
830.7000	pH	44554703	55146	PER	
830.7050	UV/Visible absorption 475217-02	CHB-RP-INT-016-P-3	35896		Waiver ⁶
830.7100	Viscosity				Not required ⁷
830.7200	Melting point/melting range				Waiver ⁸
830.7220	Boiling point/boiling range				Not required ⁷
830.7300	Density/relative density/bulk density	44554703	55146	PER	
870.1100	Acute oral toxicity	46035902	56248	PER	
Signature 			Name and Title Ronald L. Miller, Director of Registrations		Date 8/21/08

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DATA MATRIX

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Product	Copper Carbonate Technical
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[illegible]

Date
8/21/08

Endnotes for Data Matrix for Copper Carbonate Technical, 35896-28

¹**830.1650** – The product is a TGAI, and not a formulated product; therefore, these data are not applicable nor are they required.

²**830.6315** – This product does not contain any flammable materials and is a solid; therefore, these data are not applicable nor are they required. Please refer to the Confidential Statement of Formula for additional information on the composition of this product. ✓

³**830.6316** – This product does not have explosive characteristics; therefore, these data are not required. Please refer to the Confidential Statement of Formula for additional information on the composition of this product. ✓

⁴**830.6319** – This product is a solid. In addition, the proposed label does not recommend dilution of the product with petroleum solvents; therefore, these data are not applicable nor are they required. ✓

⁵**830.6321** – This product is not proposed for use around electrical equipment; therefore, these data are not applicable nor are they required. Furthermore, these data are not required for a manufacturing-use product per OPPTS 830.1000. ✓

⁶**830.7050** – Copper carbonate is not sufficiently soluble in water or organic solvents to permit performing this test. A document giving further justification and discussion has been submitted with this application. ✓

⁷**830.7100, 830.7220** – This product is a solid at room temperature; therefore, these data are not applicable nor are they required. ✓ ✓

⁸**830.7200** – Copper carbonate decomposes on heating (approximately 220 °C) to form the oxide, which is a refractory species. This datum is well documented in the public literature. ✓

⁹**870.2600** – Per "Guidance for the Reregistration of Pesticide Products Containing Group II Copper Compounds as the Active Ingredient", (EPA, April 1987), copper is a known skin sensitizer and data are not required.